

## CLAIMS

I claim:

1. A cartridge mine, comprising:

an elongate firearms cartridge case;

an elongate hollow chamber extending longitudinally within said cartridge case;

a primer disposed at and closing off said hollow chamber near to a proximal end of said cartridge case, wherein said primer can be activated by a firing pin of a firearm into which said mine has been placed;

one or more projectiles disposed at and closing off said hollow chamber near to a distal end of said cartridge case; and

a quantity of one or more energy-releasing materials adapted to be activated by activation of said primer so as to produce an energy release in an amount at least sufficient to render unuseable said firearm.

2. The cartridge mine of claim 1 wherein at least one of said energy-releasing materials comprises the explosive C4.

3. The cartridge mine of claim 1 wherein at least one of said energy-releasing materials comprises the explosive Cubane.

4. The cartridge mine of claim 1 wherein at least one of said energy-releasing materials comprises white phosphorus.

5. A grenade mine, comprising:

a hollow body closeable within a predetermined region thereof, containing a quantity of explosive, and formed of a material adapted to be broken into fragments thereof with sufficient force to have lethal effect upon explosion of said explosive material; and

a triggering device adapted to be externally activated and to be inserted into said predetermined region of said hollow body and thereby to close said hollow body and to cause, upon being activated, said explosion of said explosive material within said hollow body, whereby said hollow body will become broken into fragments having lethal force;

wherein said explosion is caused to occur nearly immediately following said activation of said triggering device.

6. The grenade mine of claim 5 wherein said triggering device comprises:
  - an elongate tube having a distal end that is disposed firstly within said explosive material within said hollow body, and a proximal end by means of which said hollow body is closed.
7. The grenade mine of claim 6 wherein said elongate tube has disposed therein, in the following order commencing at said distal end:
  - a blasting cap;
  - a penetration charge;
  - an explosive device;
  - an explosive ignition charge;
  - an air gap; and
  - a primer.
8. The grenade mine of claim 6 wherein said elongate tube has disposed therein, in the following order commencing at said distal end,
  - a detonating charge;
  - a flash passageway;
  - a relay charge;
  - an elongate air gap; and
  - a percussion primer.